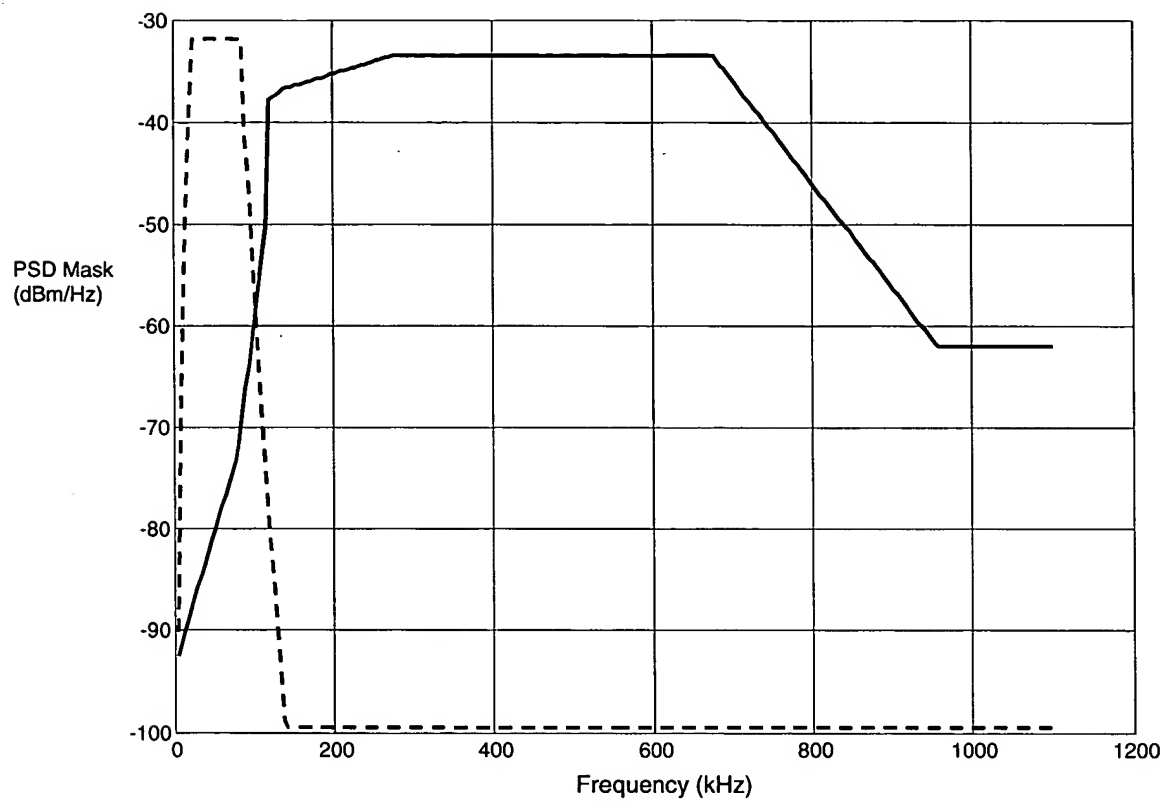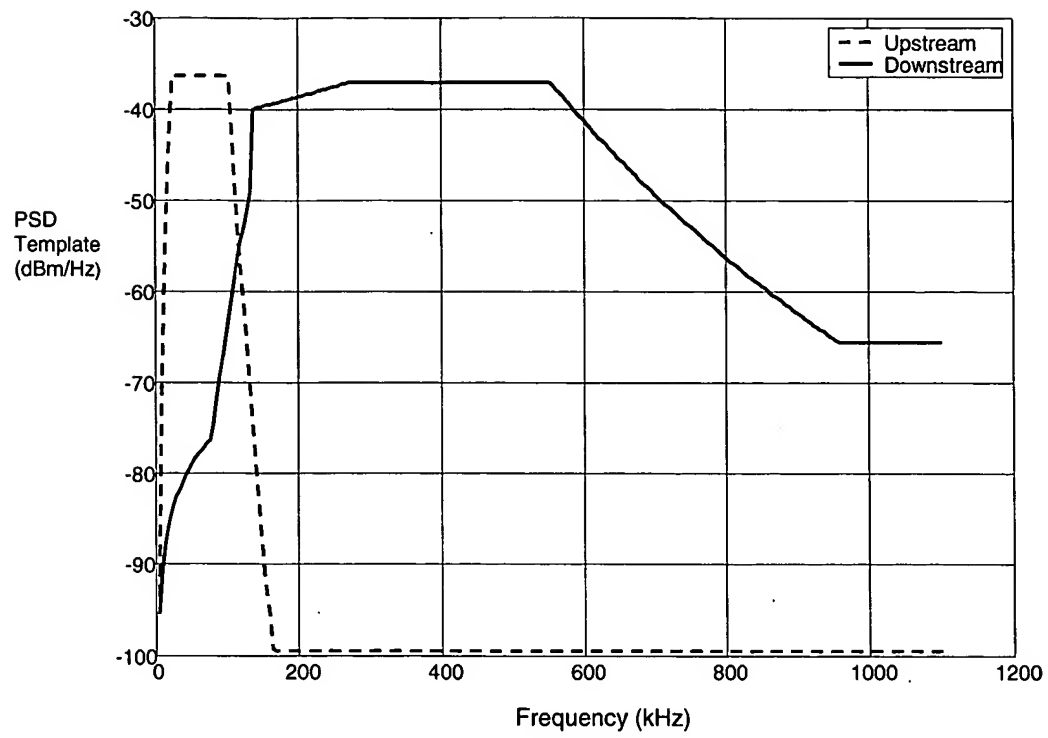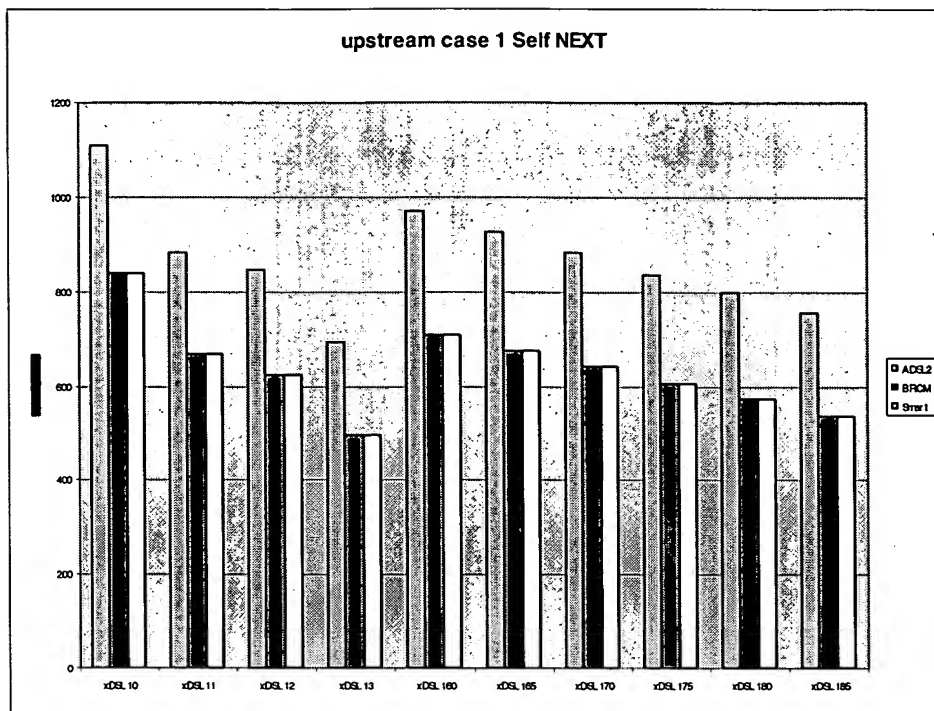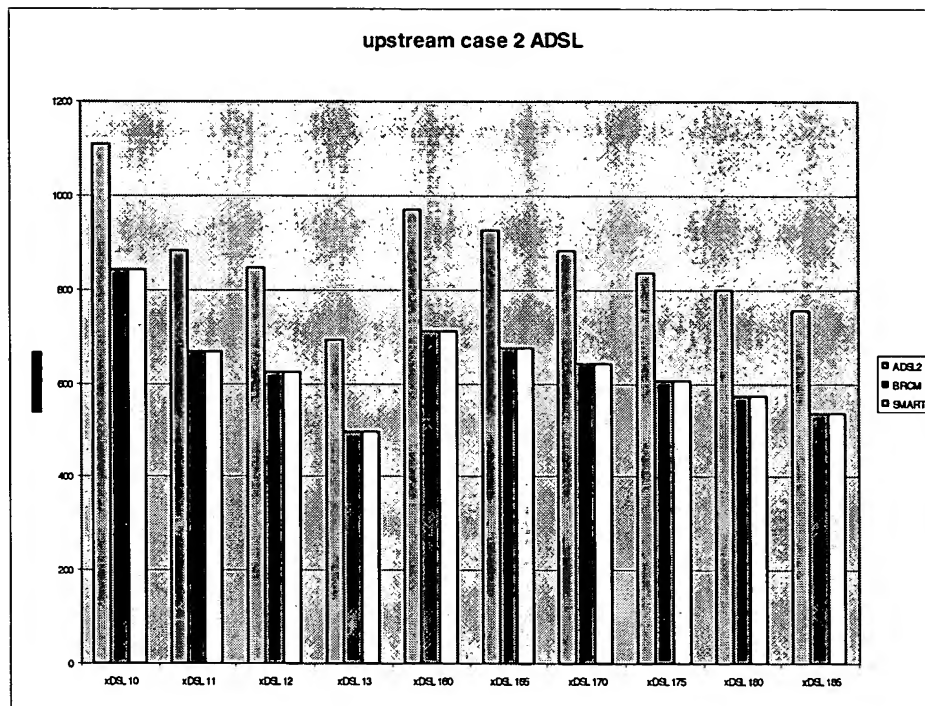**Figure 1.U1 and D1 PSD Masks, peak values**

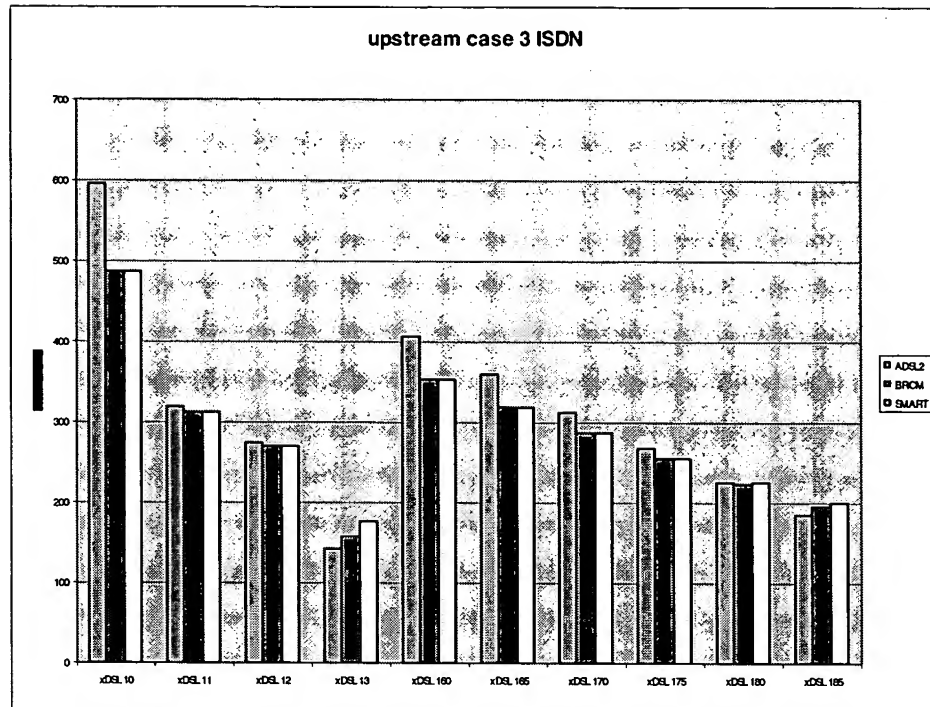**Figure 2. U2 and D2 PSD Masks, peak values**

Figure 3. U3 and D3 PSD Templates, average values

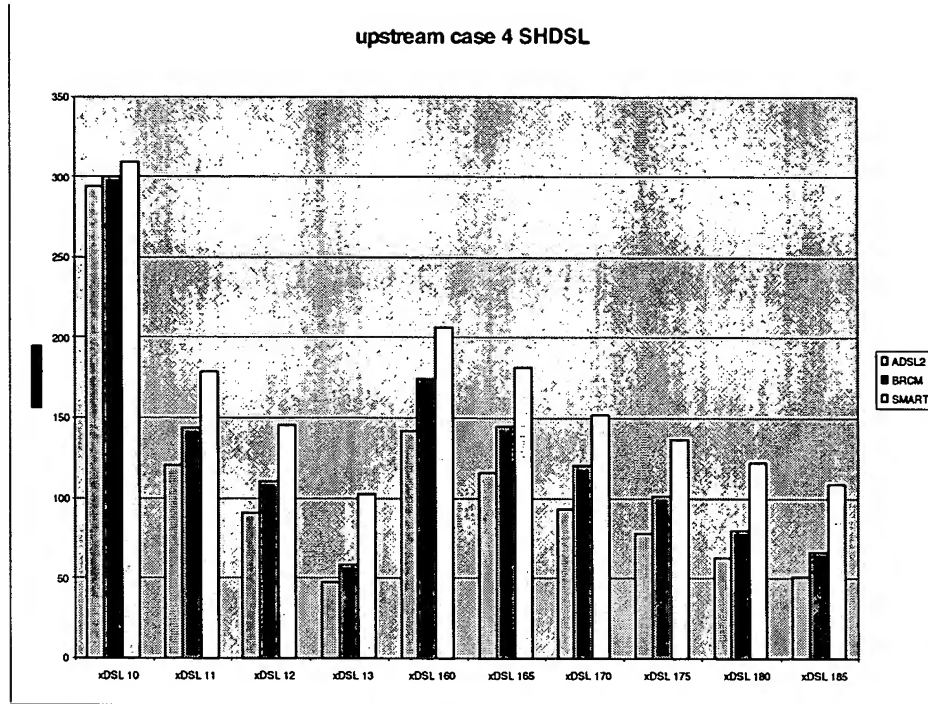**Figure 4. Bar Chart, Upstream Rate, Noise case #1, ADSL2, M OJ-074, NON EC Smart LDSL**
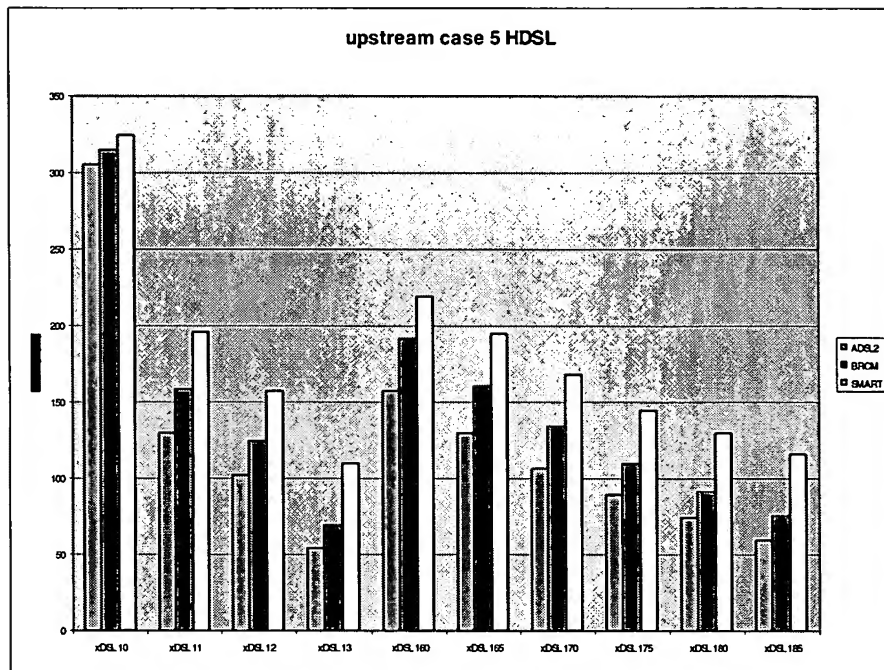
Figure 5. Bar Chart, Upstream Rate, Noise case #2, ADSL2, M OJ-074, NON EC Smart LDSL

Figure 6. Bar Chart, Upstream Rate, Noise case #3, ADSL2, M OJ-074, NON EC Smart LDSL

Figure 7. Bar Chart, Upstream Rate, Noise case #4, ADSL2, M OJ-074, NON EC Smart LDSL

Figure 8. Bar Chart, Upstream Rate, Noise case #5, ADSL2, M OJ-074, NON EC Smart LDSL

Figure 9. Bar Chart, Upstream Rate, Noise case #6, ADSL2, M OJ-074, NON EC Smart LDSL

Figure 10. Bar Chart, Upstream Rate, Noise case #7, ADSL2, M OJ-074, NON EC Smart LDSL
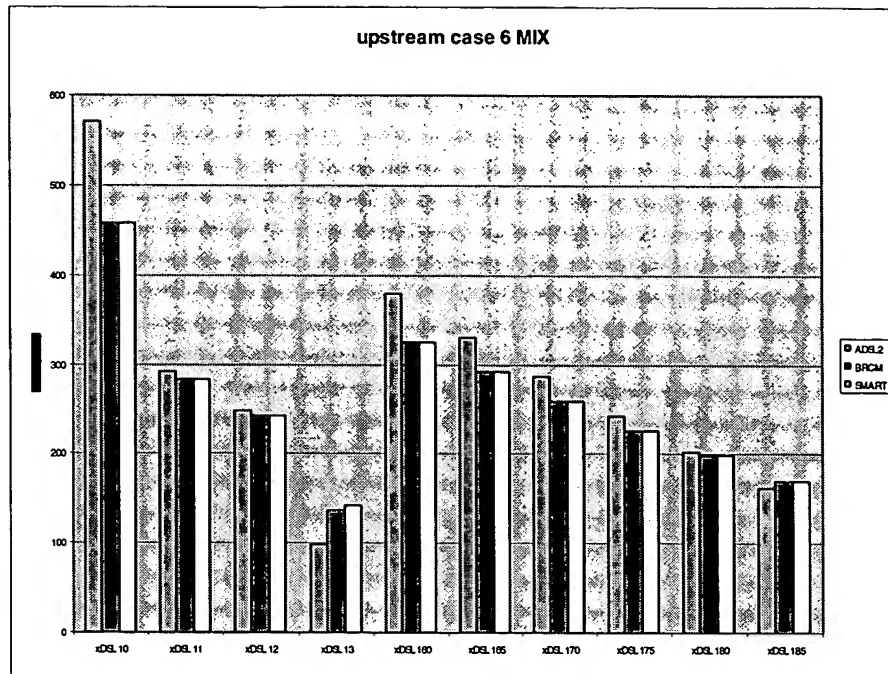
Figure 11. Bar Chart, Upstream Rate, Noise case #T1, ADSL2, M OJ-074, NON EC Smart LDSL
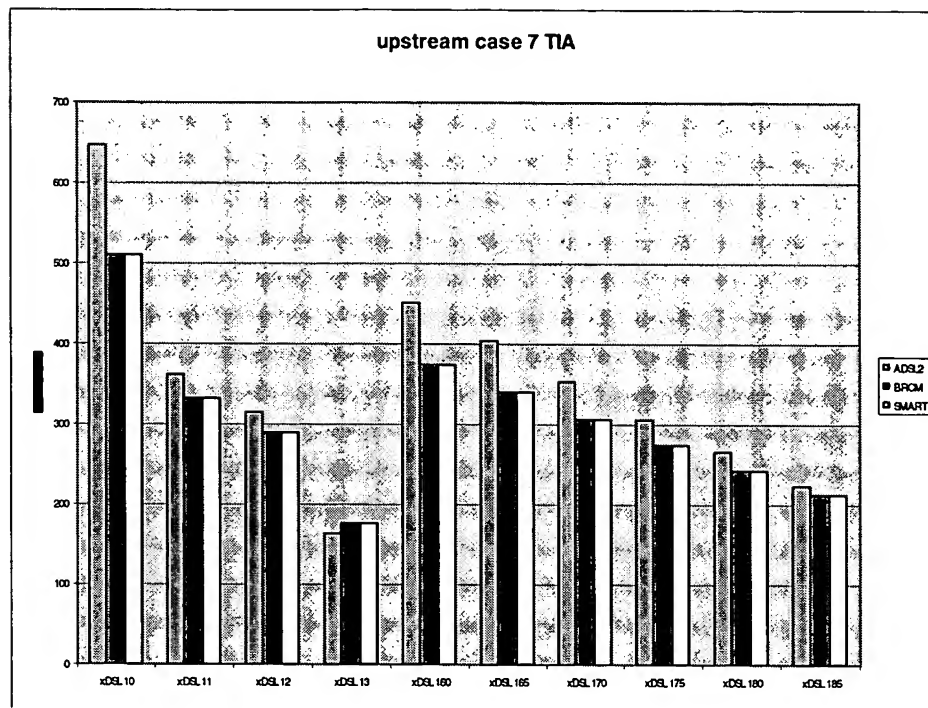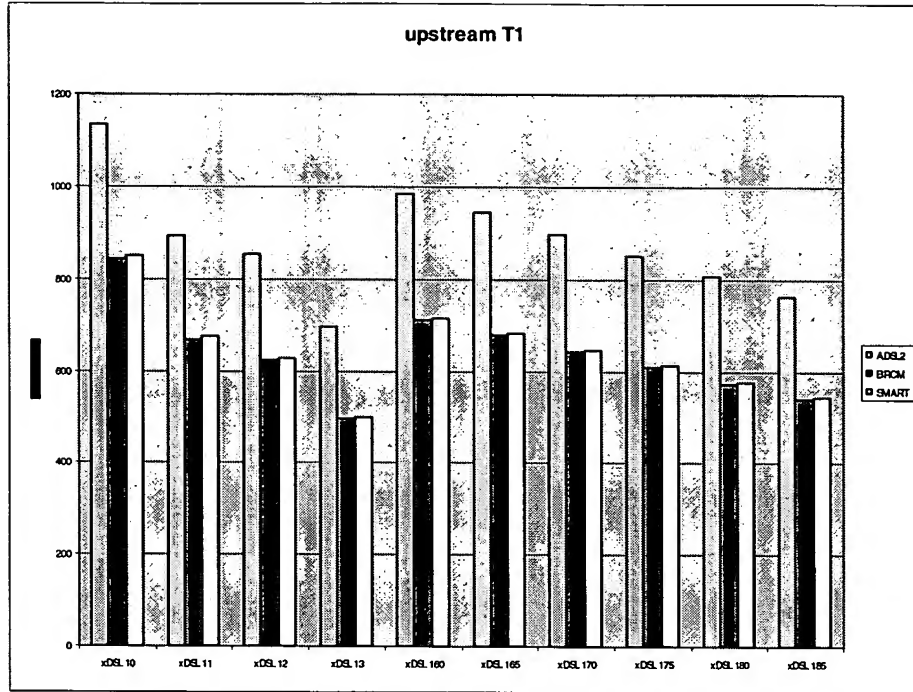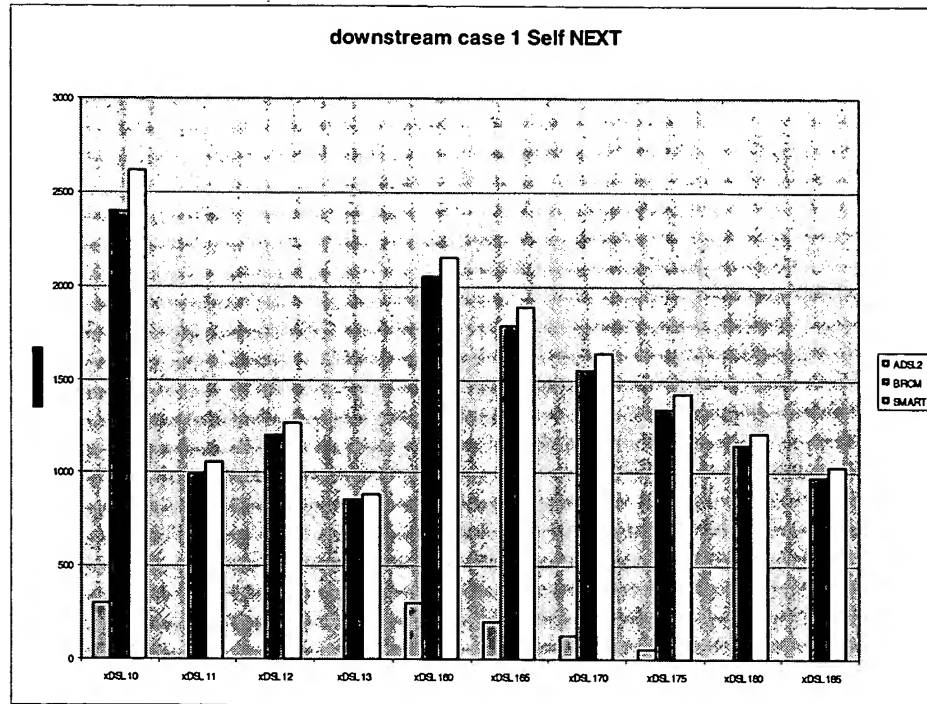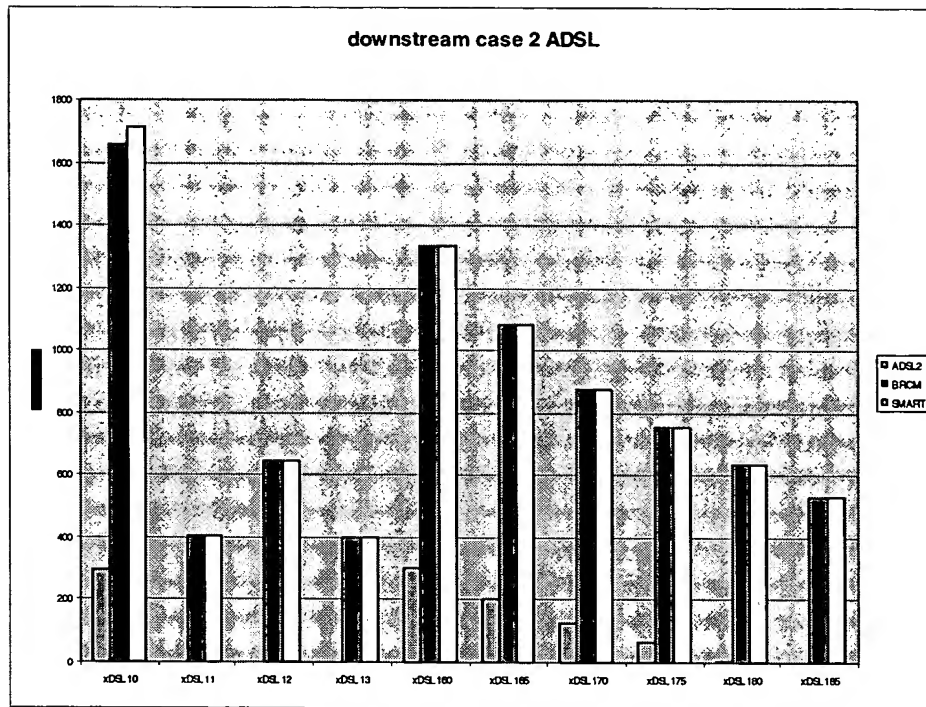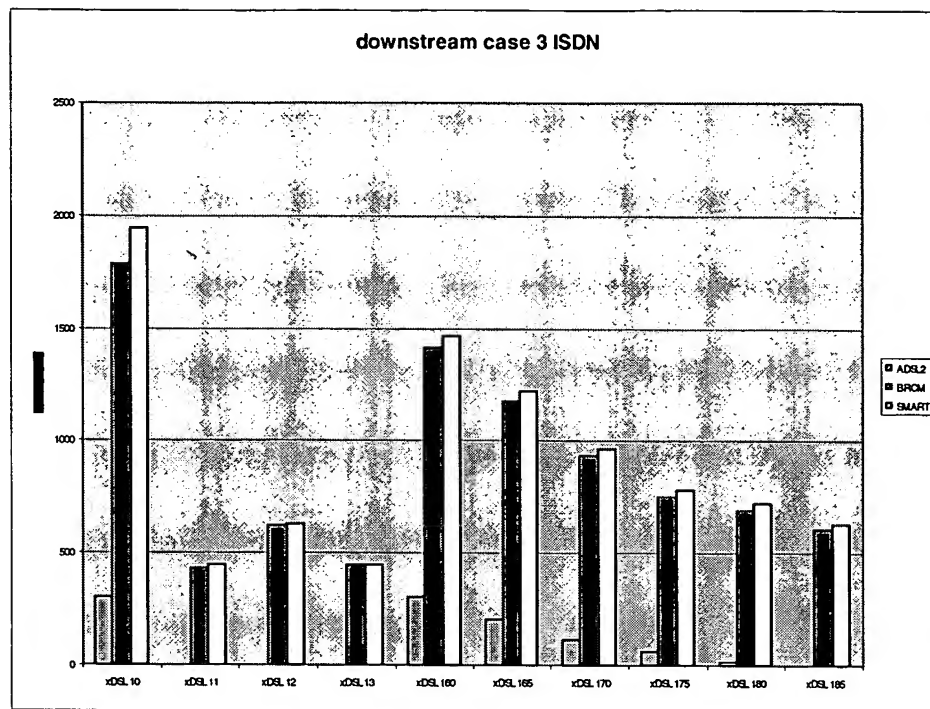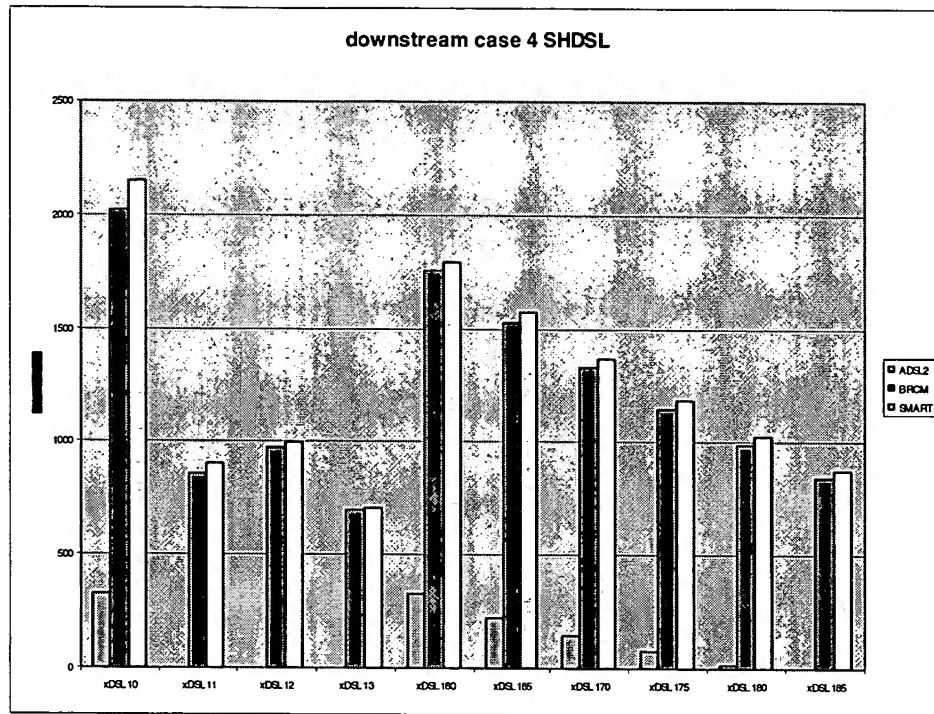
Figure 12. Bar Chart, Downstream Rate, Noise case #1, ADSL2, M OJ-074, NON EC Smart LDSL

Figure 13. . Bar Chart, Downstream Rate, Noise case #2, ADSL2, M OJ-074, NON EC Smart LDSL

Figure 14. Bar Chart, Downstream Rate, Noise case #3, ADSL2, M OJ-074, NON EC Smart LDSL
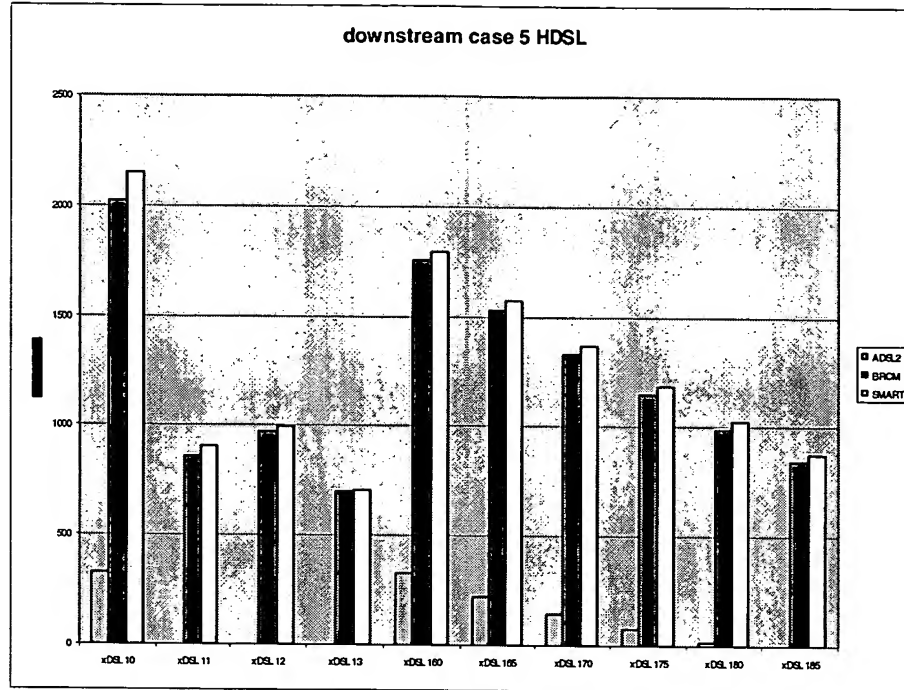
Figure 15. Bar Chart, Downstream Rate, Noise case #4, ADSL2, M OJ-074, NON EC Smart LDSL
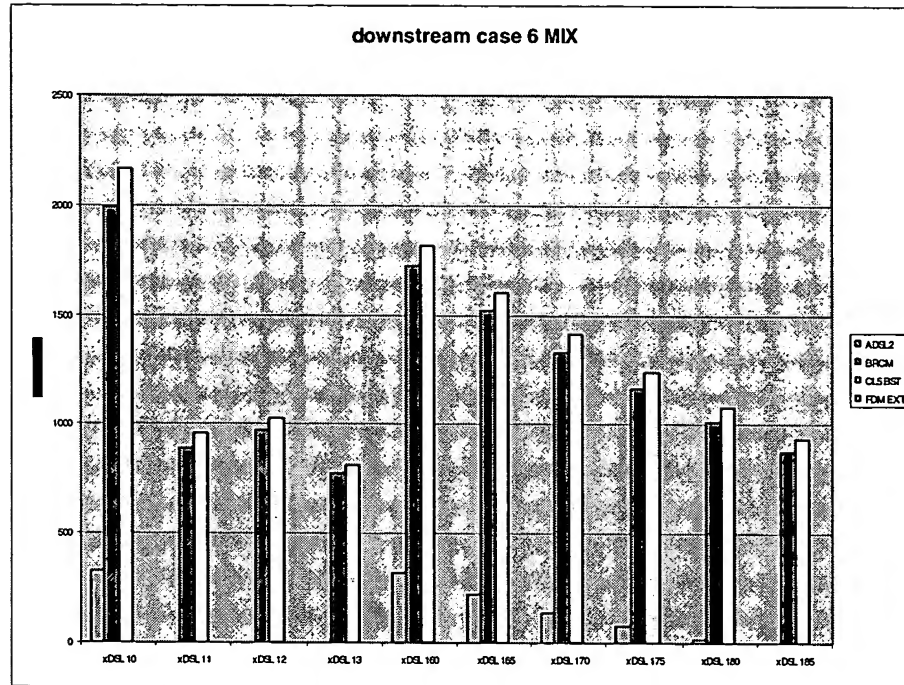
Figure 16. Bar Chart, Downstream Rate, Noise case #5, ADSL2, M OJ-074, NON EC Smart LDSL
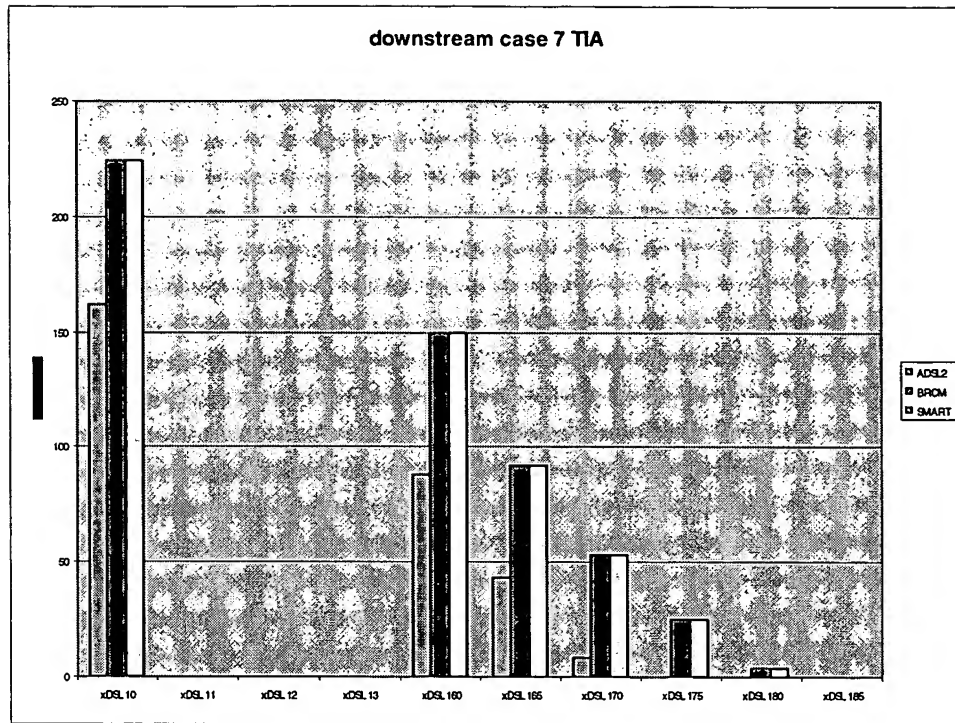
Figure 17. Bar Chart, Downstream Rate, Noise case #6, ADSL2, M OJ-074, NON EC Smart LDSL
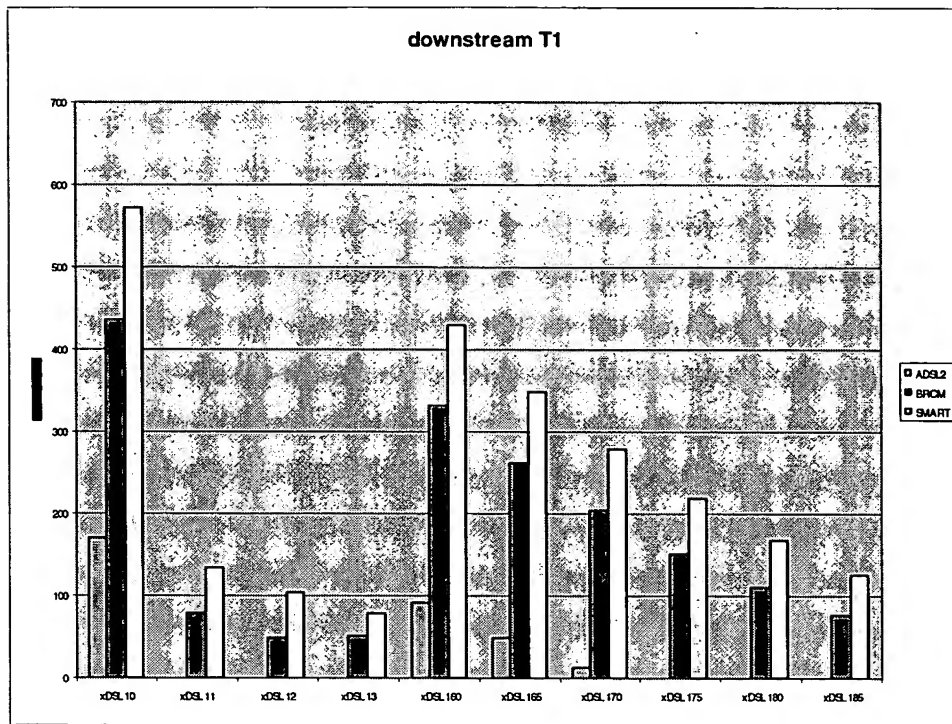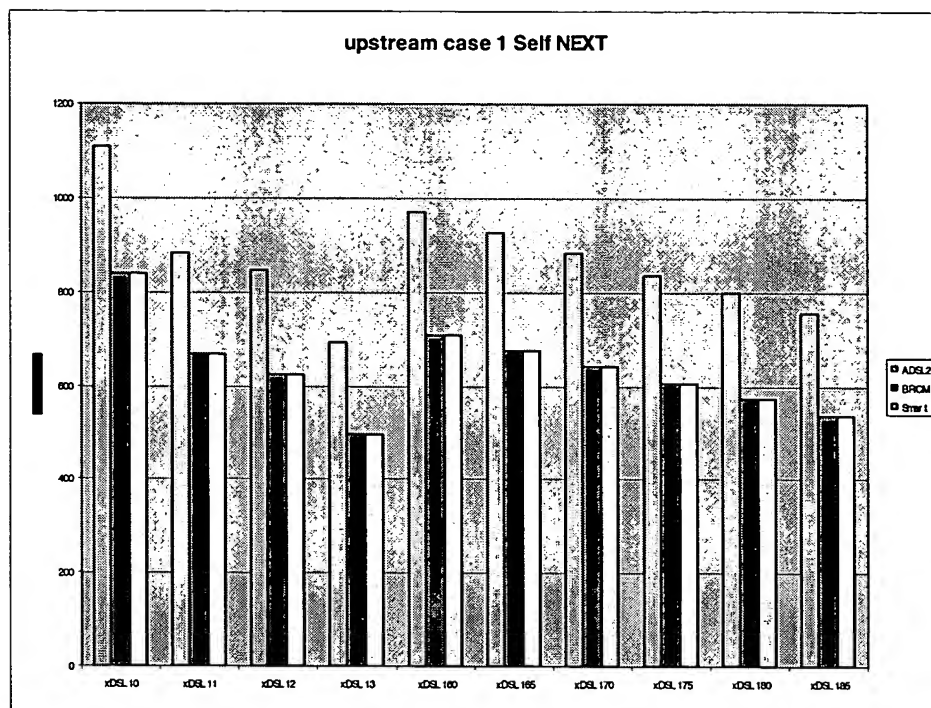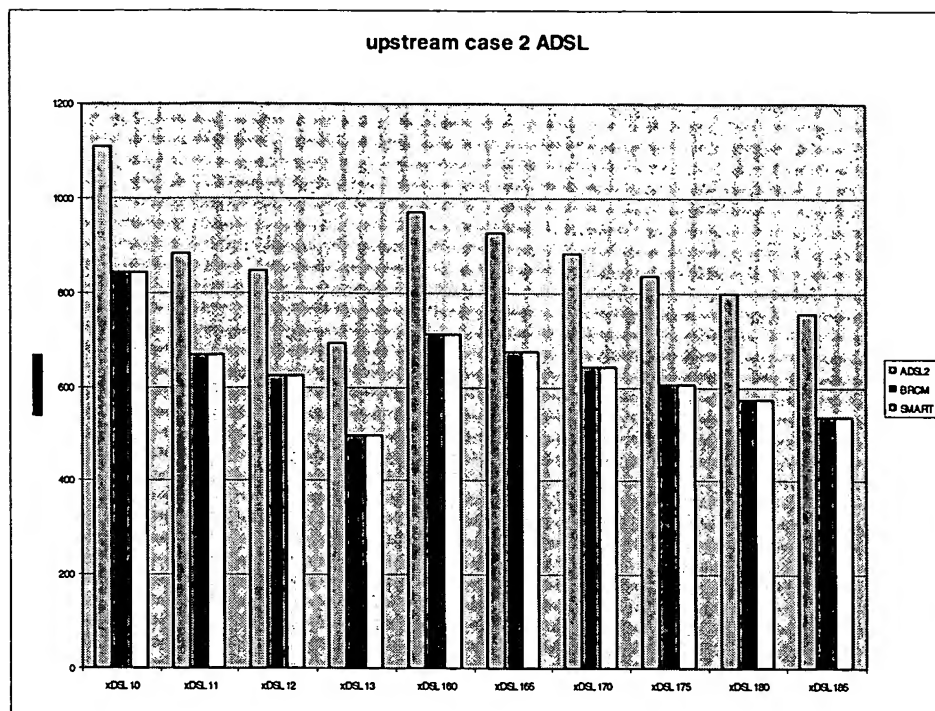
Figure 18. Bar Chart, Downstream Rate, Noise case #7, ADSL2, M OJ-074, NON EC Smart LDSL
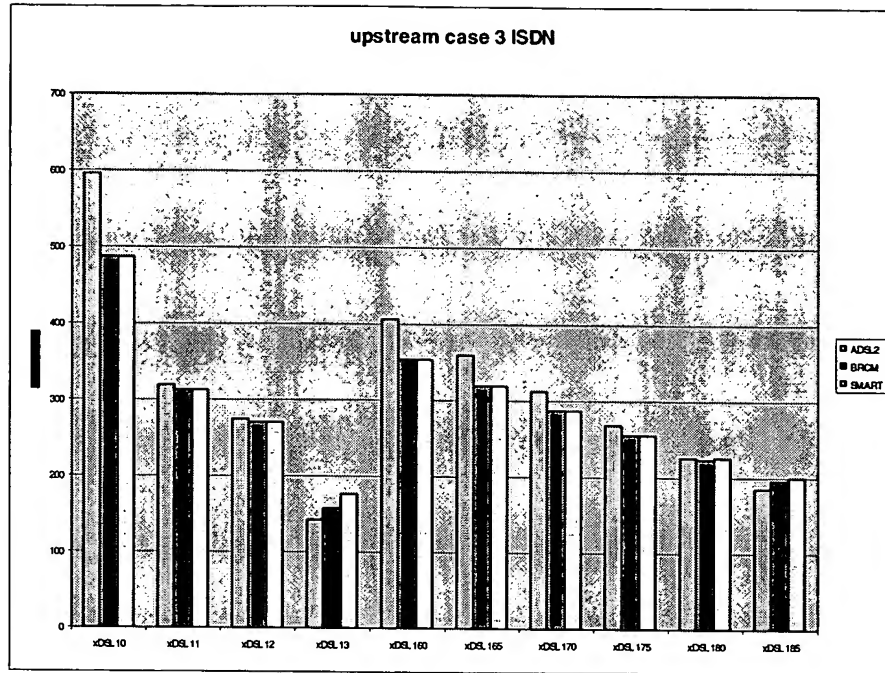
Figure 19. Bar Chart, Downstream Rate, Noise case #T1, ADSL2, M OJ-074, NON EC Smart LDSL
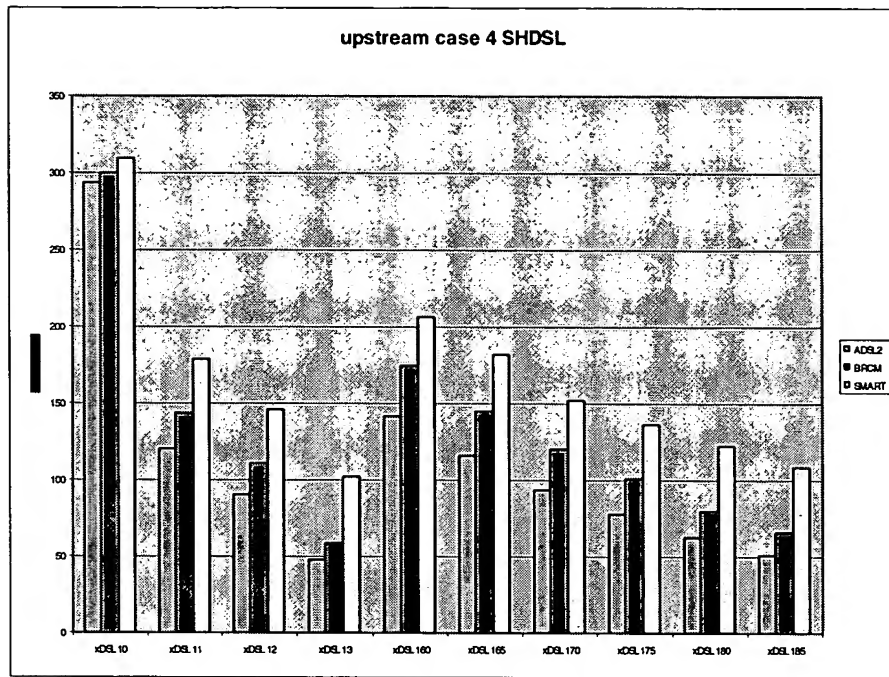
Figure 20. Bar Chart, Upstream Rate, Noise case #1, ADSL2, M OJ-074, EC Smart LDSL

Figure 21. Bar Chart, Upstream Rate, Noise case #2, ADSL2, M OJ-074, EC Smart LDSL

Figure 22. Bar Chart, Upstream Rate, Noise case #3, ADSL2, M OJ-074, EC Smart LDSL
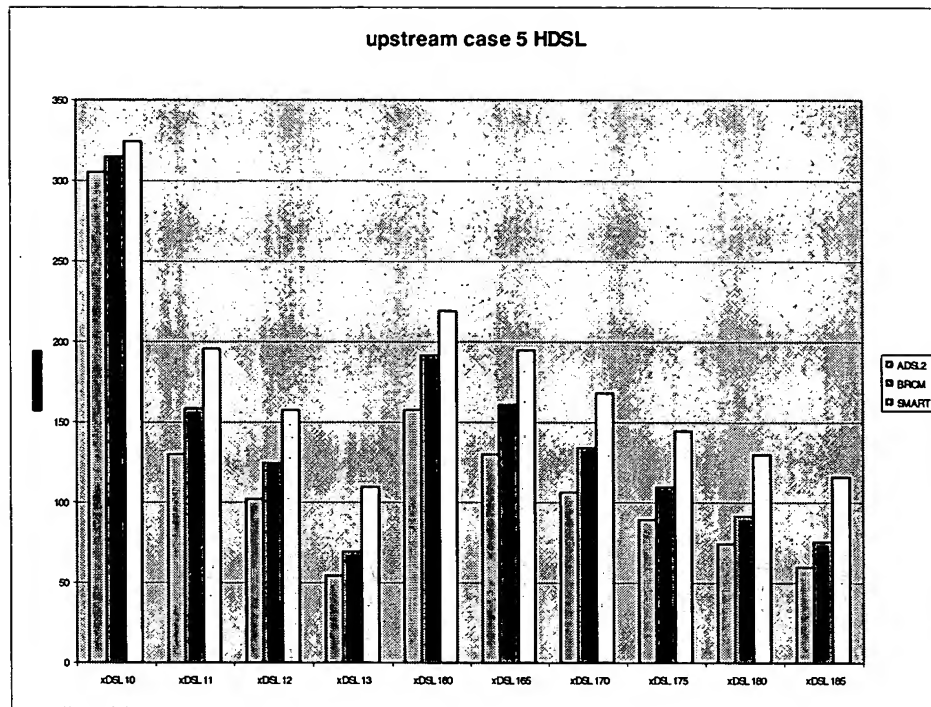
Figure 23. Bar Chart, Upstream Rate, Noise case #4, ADSL2, M OJ-074, EC Smart LDSL
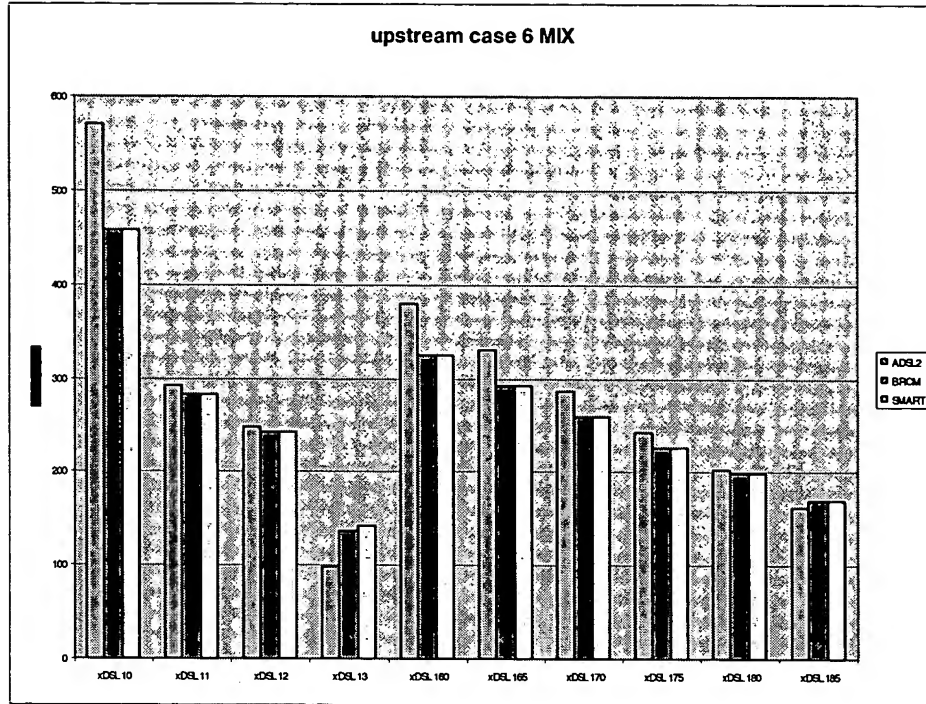
Figure 24. Bar Chart, Upstream Rate, Noise case #5, ADSL2, M OJ-074, EC Smart LDSL
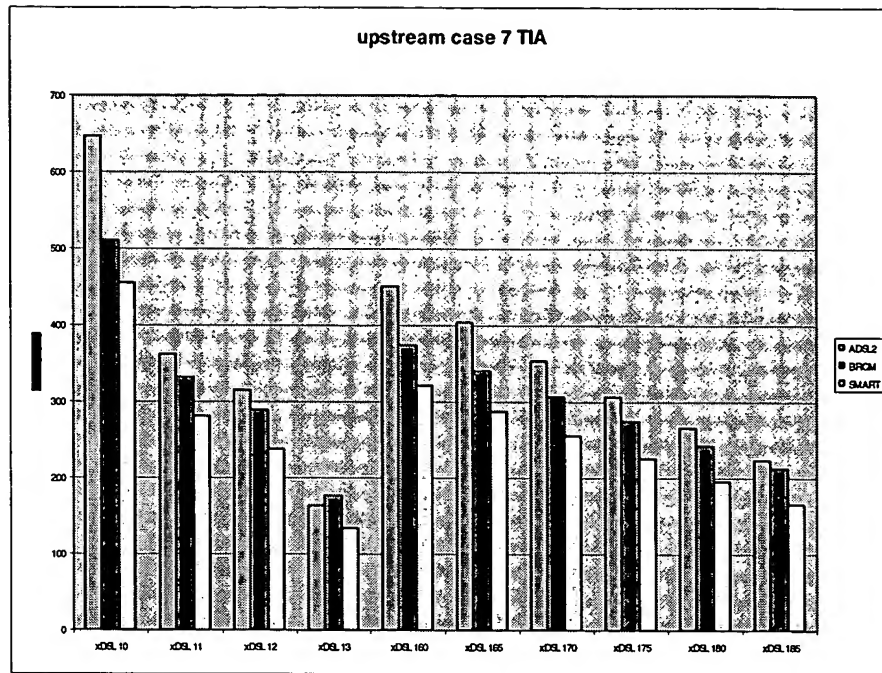
Figure 25. Bar Chart, Upstream Rate, Noise case #6, ADSL2, M OJ-074, EC Smart LDSL
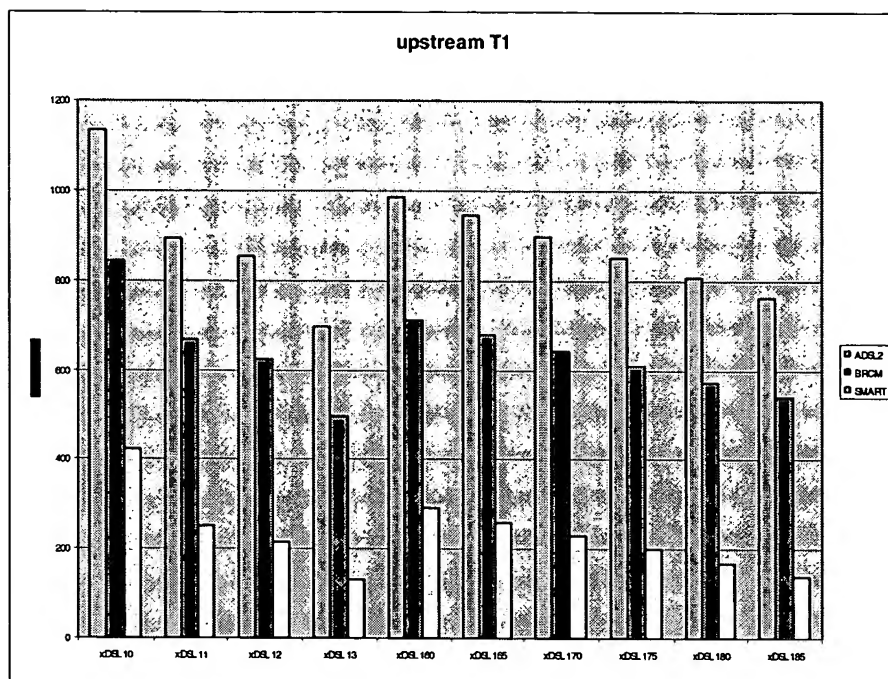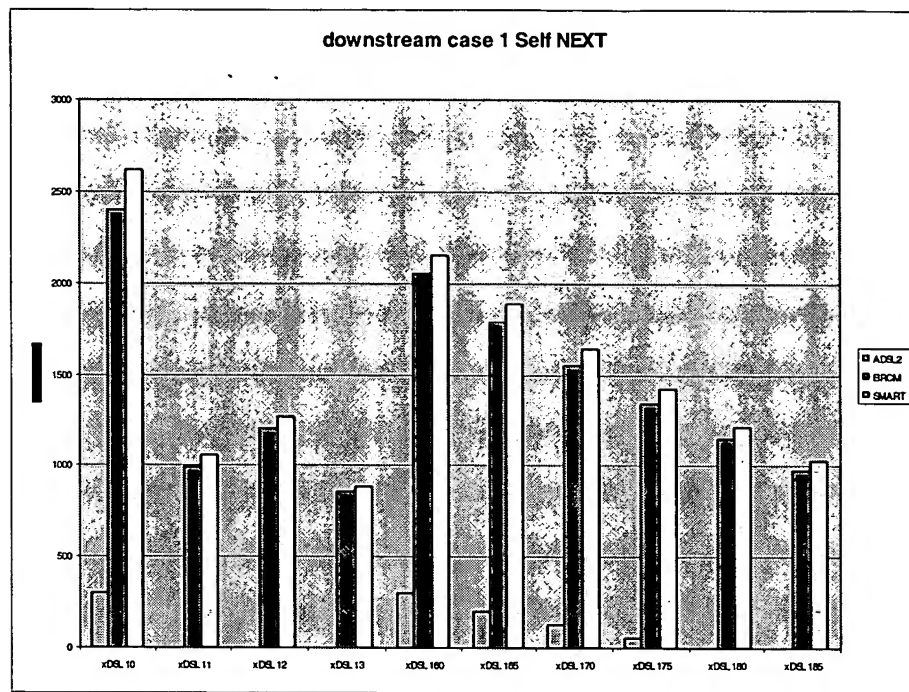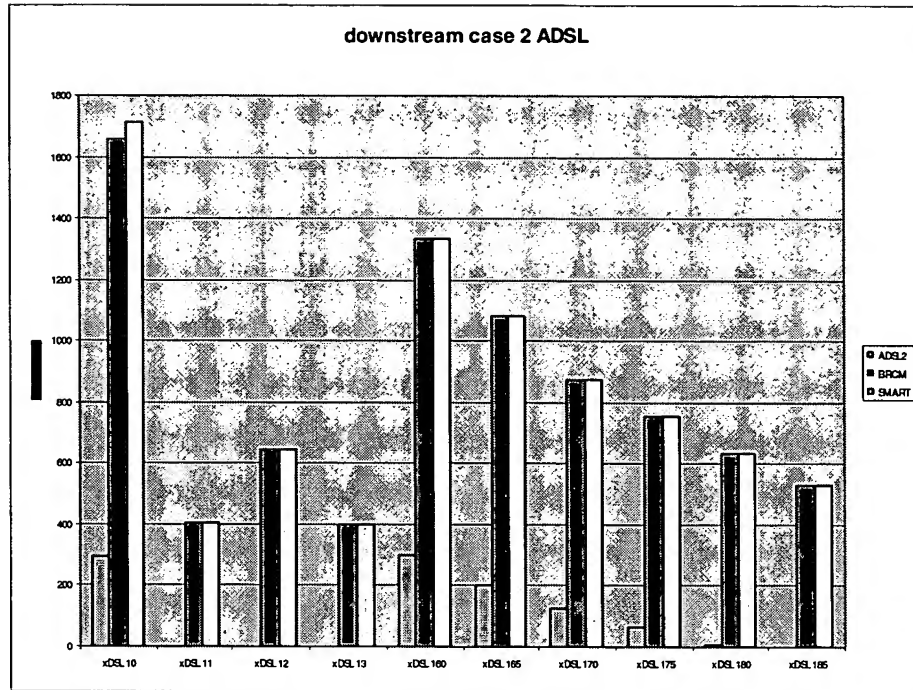
Figure 26. Bar Chart, Upstream Rate, Noise case #7, ADSL2, M OJ-074, EC Smart LDSL
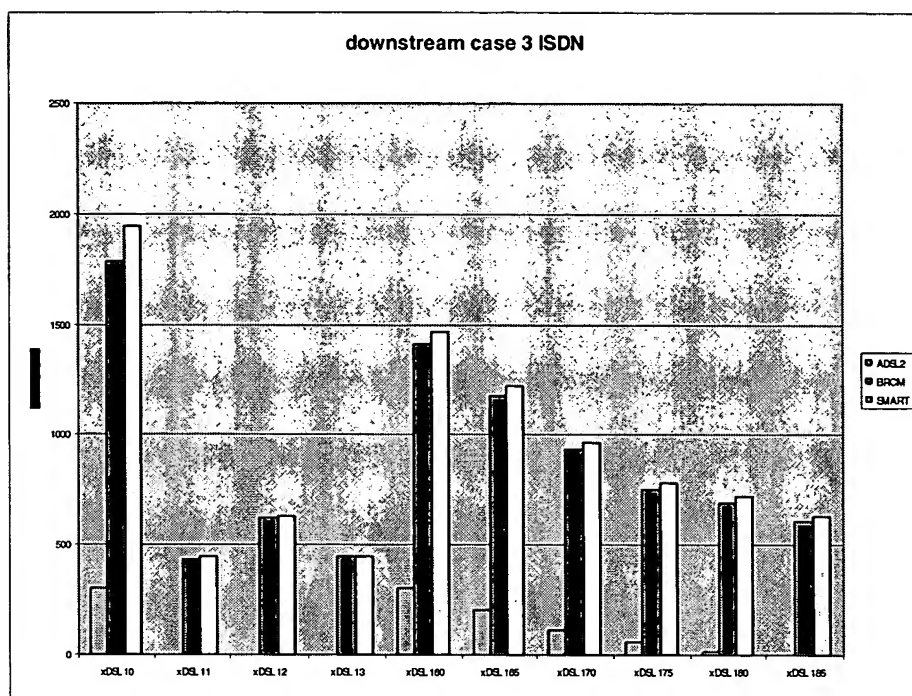
Figure 27. Bar Chart, Upstream Rate, Noise case #T1, ADSL2, M OJ-074, EC Smart LDSL
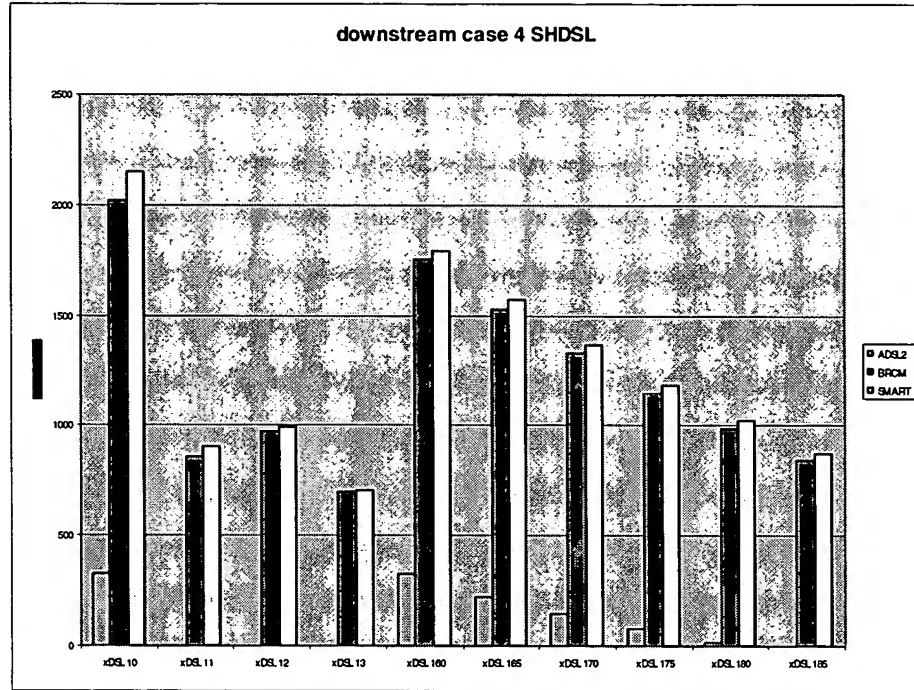
Figure 28. Bar Chart, Downstream Rate, Noise case #1, ADSL2, M OJ-074, EC Smart LDSL

Figure 29. Bar Chart, Downstream Rate, Noise case #2, ADSL2, M OJ-074, EC Smart LDSL

Figure 30. Bar Chart, Downstream Rate, Noise case #3, ADSL2, M OJ-074, EC Smart LDSL

Figure 31. Bar Chart, Downstream Rate, Noise case #4, ADSL2, M OJ-074, EC Smart LDSL

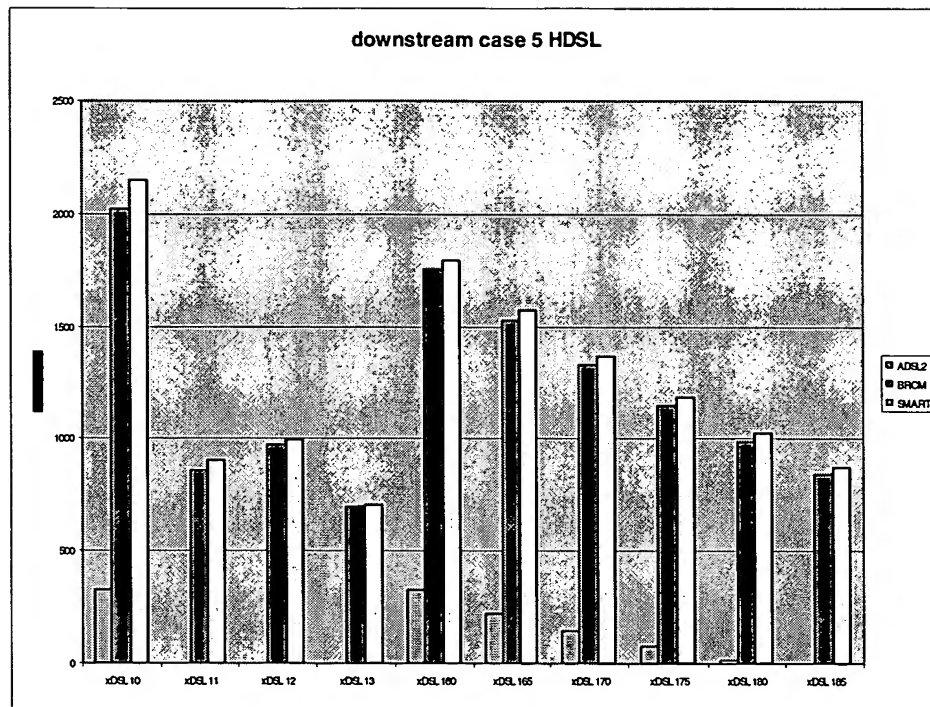**Figure 32. Bar Chart, Downstream Rate, Noise case #5, ADSL2, M OJ-074, EC Smart LDSL**
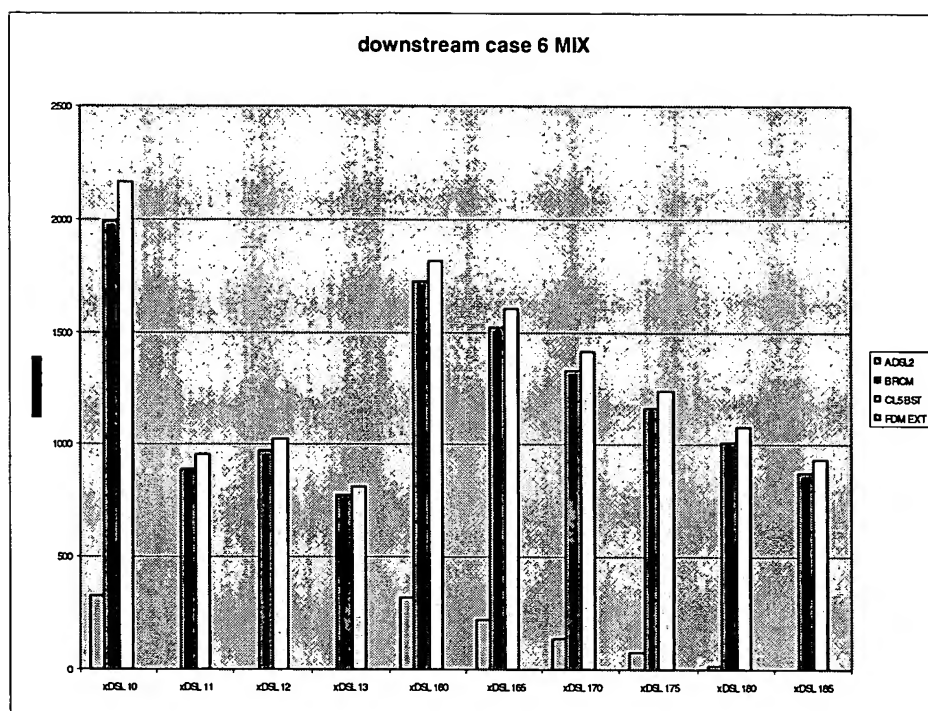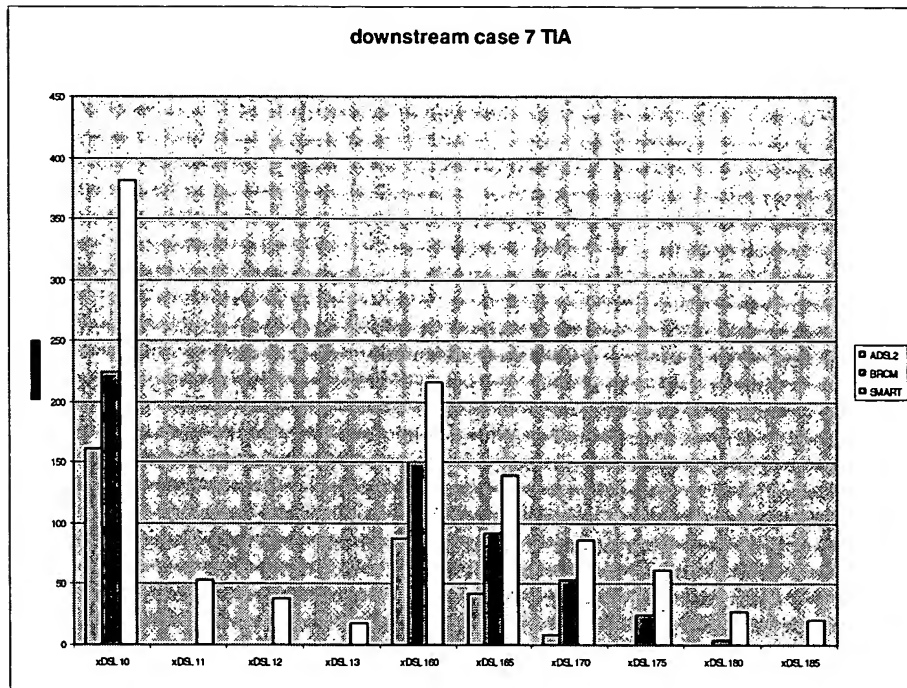
Figure 33. Bar Chart, Downstream Rate, Noise case #6, ADSL2, M OJ-074, EC Smart LDSL
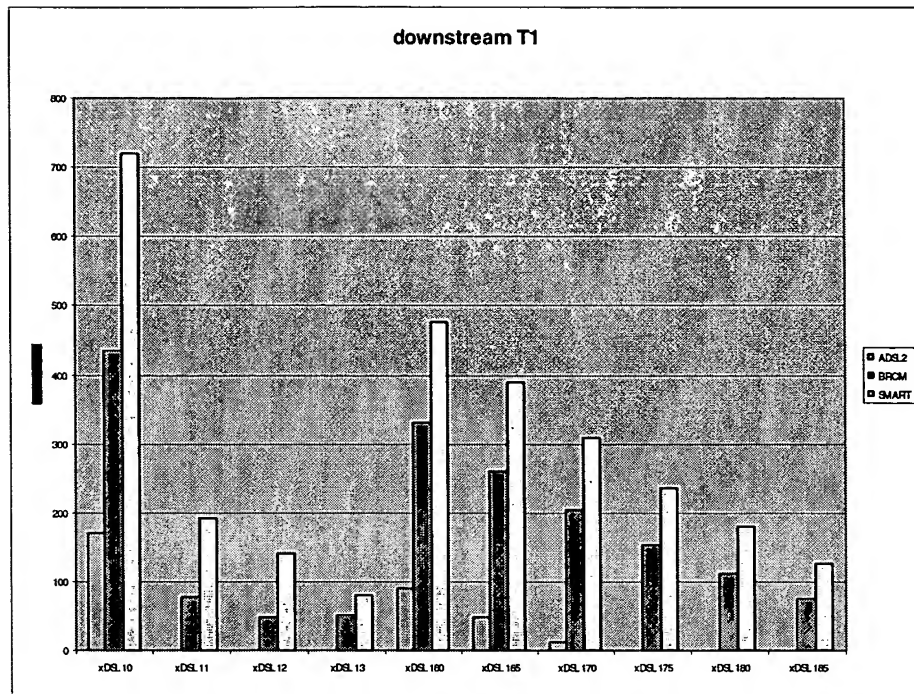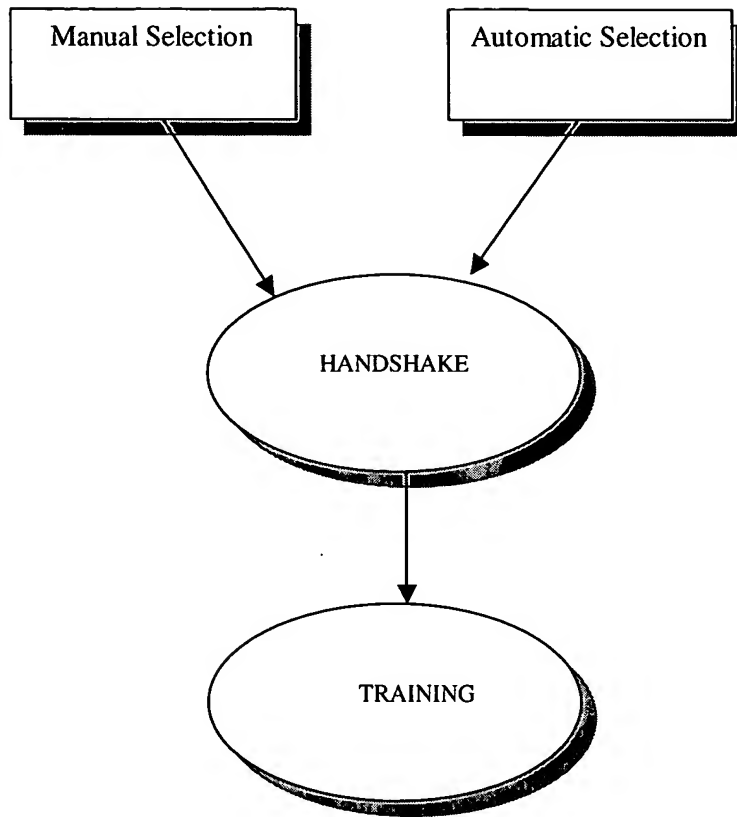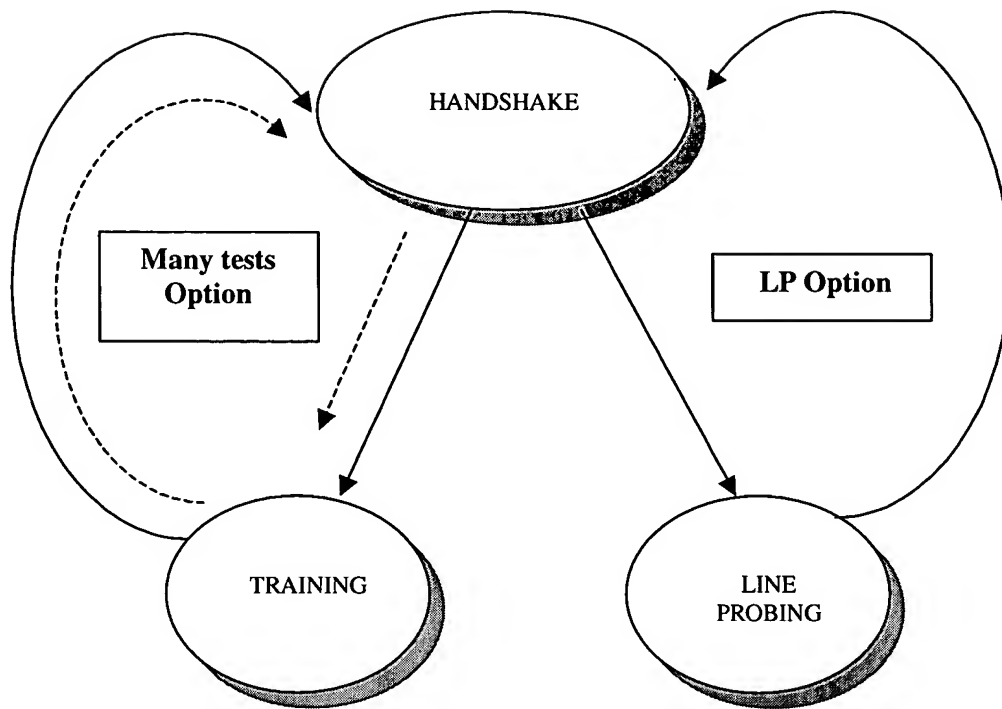
Figure 34. Bar Chart, Downstream Rate, Noise case #7, ADSL2, M OJ-074, EC Smart LDSL
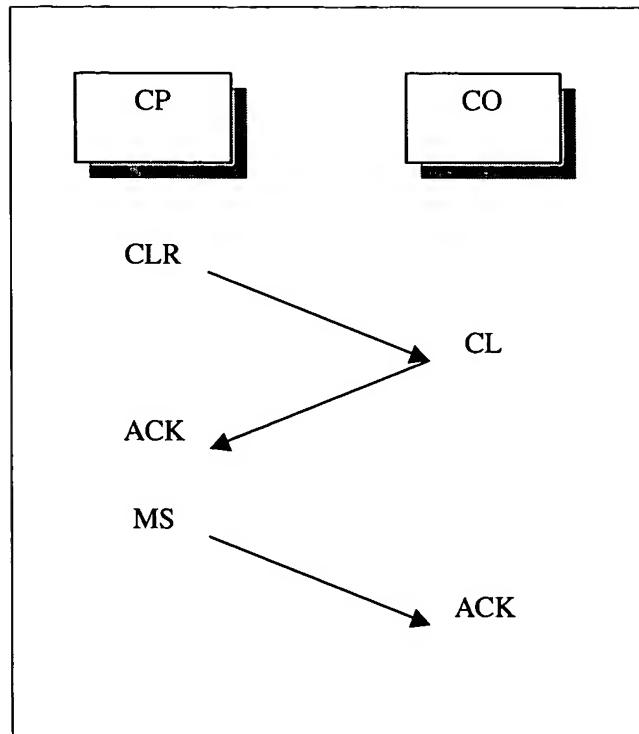
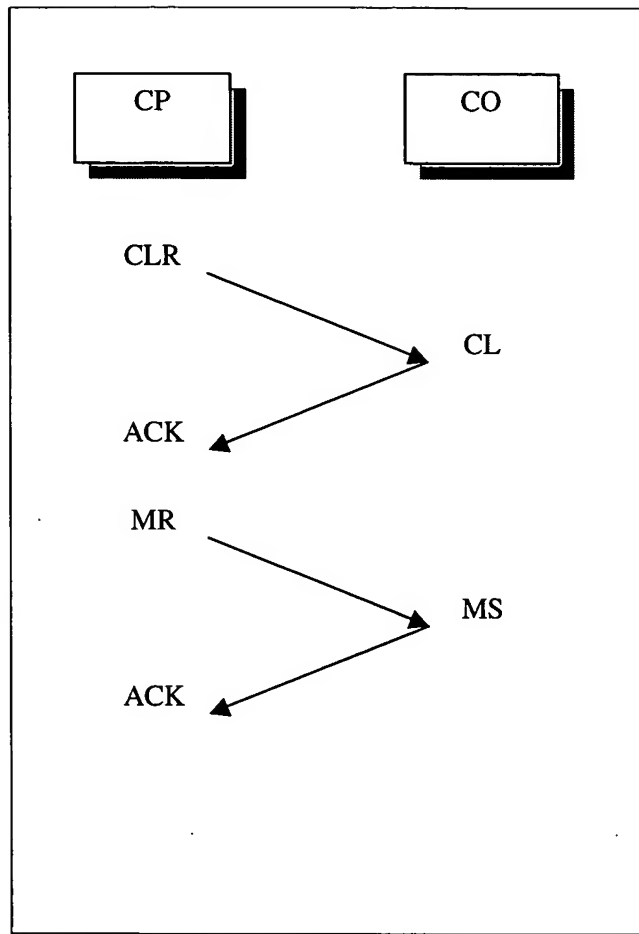**Figure 35. Bar Chart, Downstream Rate, Noise case #T1, ADSL2, M OJ-074, EC Smart LDSL**

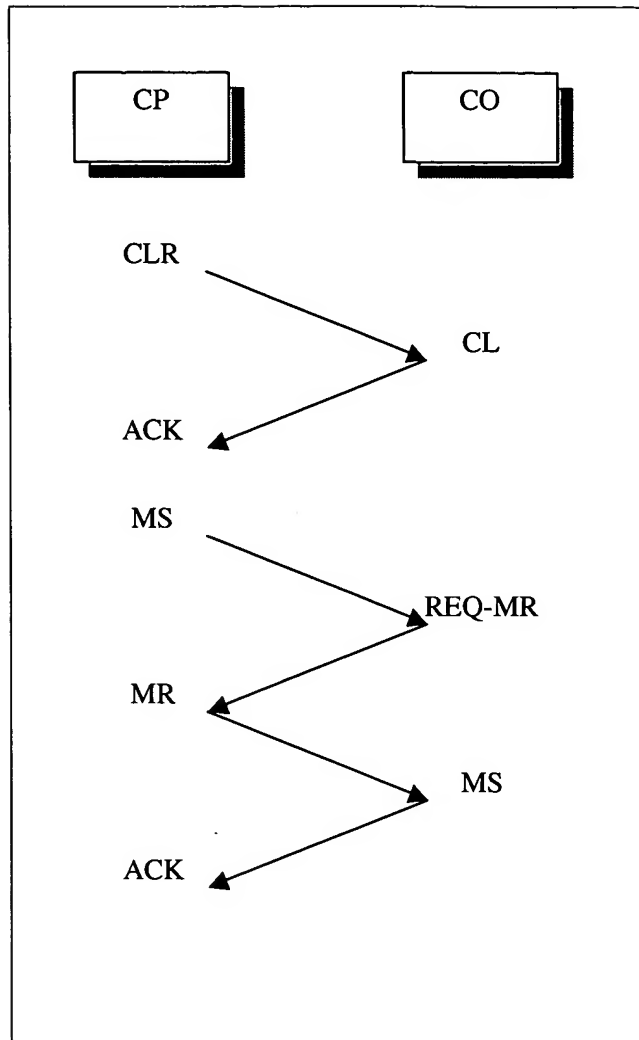**Figure 36. Two smart system selection modes: Manual and Automatic**

Figure 37. Two options to automatically select a pair of masks in a smart DSL system

Figure 38. "CP decides" sequence based on G.992.3

Figure 39. "CO decides" sequence based on G.992.3

Figure 40. "CP is overruled by CO" sequence